

## ABSTRACT OF THE DISCLOSURE

The invention provides a handset that includes a finger-image sensor that provides finger-image-related signals or data for authentication purposes and functions as a telephone handset for use with a computer terminal. A system, including handsets and computer terminals, enables the terminal and/or the handset to access or otherwise participate in at least one network-related function and voice communication in response to authentication of finger-image data provided by the handset. The handset includes an elongated housing having opposed major sides and opposed ends. A speaker is positioned in the vicinity of a first end of the handset to transmit sound from a first major side of the handset, and a microphone is positioned in the vicinity of a second end of the handset to receive sound from a first major side of the handset. A finger-image sensor is positioned in the vicinity of and spaced from the second end of the handset to sense a finger-image from a second major side of the handset, and a contoured surface is provided leading to the finger-image sensor. Circuitry for performing voice functions and finger-image functions are associated with separate USB ports, which are coupled to a USB hub of the handset.